

14. (Amended) A method of signaling using clock modulated signals, said method comprising:

- selecting at least one shaped data information bearing clock signal;
- cross-correlating and quadrature modulating said selected shaped data information bearing clock signal;
- amplifying said cross-correlated quadrature modulated data information bearing clock signal;
- transmitting said amplified cross-correlated quadrature modulated data information bearing clock signal;
- receiving said transmitted amplified cross-correlated quadrature modulated shaped data information bearing clock signal;
- demodulating said received shaped data information bearing clock signal; and
- decoding said received demodulated data information bearing clock signal and regenerating said data information bearing clock signal.

**IN THE PRELIMINARY AMENDMENT**  
**Cancel Claims 15 to 43 without prejudice**

**IN THE ABSTRACT**

Change the Abstract to the following :

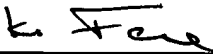
**ABSTRACT (Amended)**

Ultra Efficient Modulation-Demodulation (modem) and Transmitters-Receiver (transceivers) for high spectral efficient signal generation and processing methods and implementations. Embodiments include Clock Modulated (CM) and Shaped Clocked (SC) transceivers designated as Feher Keying (FK), Feher Quadrature Shift Keying (FQPSK) and Feher Quadrature Modulation (FQAM). In the FK modulator, clock converted and clock shaped signals are processed and generated. These are based on the input data signal patterns.

Signed this 13 day of August, 2004, at El Macero, CA , California.

RESPECTFULLY SUBMITTED,

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